



MD 20 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION

ROCK HALL VOLUNTEER FIRE HOUSE

PROPOSED SIGNALS

1,2
Y
12"

PROPOSED OPTICOM

PROPOSED SIGNS

WATCH FOR
EMERGENCY VEHICLES
WHEN FLASHING

W96-7(1)
120" x 54"



W11-8
36" x 36"



R3-9B
48" x 36"

EXISTING SIGN TO BE REMOVED

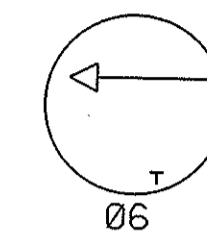


W11-8

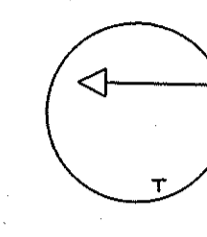


R3-9B

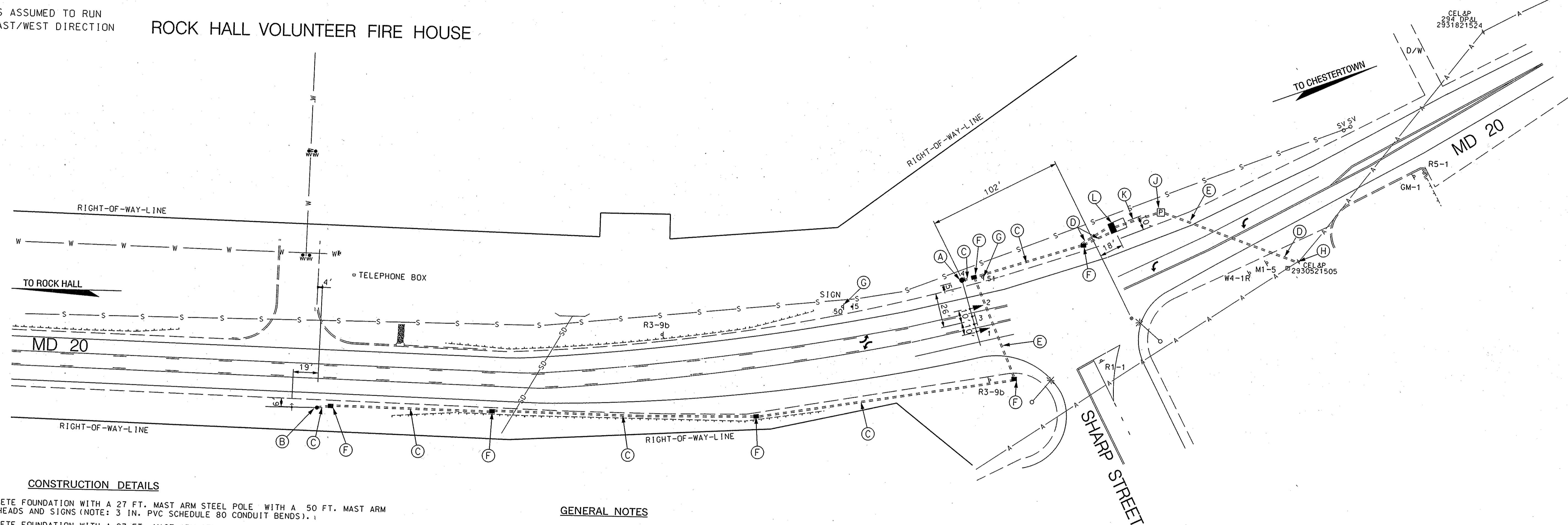
NEMA PHASING



PRE-EMPTION



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH A 27 FT. MAST ARM STEEL POLE WITH A 50 FT. MAST ARM WITH SIGNAL HEADS AND SIGNS (NOTE: 3 IN. PVC SCHEDULE 80 CONDUIT BENDS).
- INSTALL CONCRETE FOUNDATION WITH A 27 FT. MAST ARM STEEL POLE WITH A 38 FT. MAST ARM AND OPTICOM DETECTION. (NOTE: 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL HANDHOLE.
- REMOVE EXISTING GROUND MOUNTED SIGN.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED. STUB OUT CONDUIT BEND AT BASE OF UTILITY POLE.
- INSTALL 200 AMP METERED SERVICE PEDESTAL.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
- INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC. AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD SD STORM DRAIN
G G GAS MAIN
W W WATER MAIN
S S SEWER MAIN
E E ELECTRIC CABLES
A A AERIAL CABLES
T T TELEPHONE CABLES
F F FIBER-OPTIC

BY: \$USERNAME\$

BAI
BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD SUITE 110
COLUMBIA, MARYLAND 21045
410-884-3607 410-884-3609(FAX)

APPROVALS

TEAM LEADER
ASSIST. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
**MD 20 AT
ROCK HALL FIRE HOUSE H.I.B.**

TRAFFIC CONTROL PLAN

SCALE 1"= 40' DATE 05/29/2007 CONTRACT NO. AT9095185

DESIGNED BY M. A. MEARS COUNTY KENT
DRAWN BY M. A. MEARS LOGMILE 1400200.78
CHECKED BY RJM T.I.M.S. NO. 1082
F.A.P. NO. TOD NO.

DRAWING NO. TS NO. 14585 1 OF 2 SHEET NO. OF